Index of Claims

| Application No.  | Applicant(s) |  |
|------------------|--------------|--|
| 09/742,905       | GHOSH ET AL. |  |
| Examiner         | Art Unit     |  |
| Steven HD Nguyen | 2665         |  |

| 1 | Rejected | _ | (Through numeral)<br>Cancelled | N | Non-Ele  |
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| Claim   | Date   |                 |                 |           |           |          | Claim Date         |           |              |          |              |                 |          |                |          | Clai  | m            | Date                    |          |   |          |            |          |                                     |            |                 |           |  |          |          |          |
|---|--|-----------------|-----------------|-----------|-----------|----------|--------------------|-----------|--------------|----------|--------------|-----------------|----------|----------------|----------|---|--------------|-------------------------|----------|---|----------|------------|----------|-------------------------------------|------------|-----------------|-----------|--|----------|----------|----------|
| _   <del>_</del>  | 9/6/   |                 |                 |           |           |          |                    |           |              | <u></u>  |              |                 |          |                |          | T   | T            | T                       |          |   |          | æ          |          |                                     |            |                 | Γ         | П  |          |          |          |
| Final<br>Original   | 4061   | 1               |                 | ١         | - 1       |          |                    |           | Final        | Original |              |                 |          |                | .        | - 1   |              |                         |          | i i   |          | Original   |          |                                     |            |                 |           |  |          |          |          |
| =   =   | 1 / 1/   | ₽               |                 |           |           |          |                    |           | i i i        | ă        |              |                 |          |                |          | - 1   |              |                         |          | ļű  | -        | Ĕ          |          |                                     | <b> </b> . |                 | -         |  |          |          |          |
| $\vdash$  |  | 1_              | $\sqcup$        | 4         | _         | _        | $\dashv$           | 4         |              | <u> </u> | ╄            | Щ               | _        |                | _        | 4   | _            | 4                       | 4        | $\perp$   | 4        |            | _        | 1_                                  | L          |                 | _         | L  | Ш        | _        | Щ        |
| 1 1   | V =  | <u> </u>        | $\vdash \vdash$ | 4         | -         | _        | -                  | 4         |              | 51       | ┞-           | $\sqcup$        | _        | Ц              | _        | _   | 4            | 4                       | 4        | $\perp$   |          | 101        | <u> </u> | _                                   | Ľ          | <u> </u>        | _         | _  | Ц        | L        | Ц        |
| <u> </u>  |  | ↓_              | $\vdash$        | 4         | -         | -        | -                  | 4         | <u> </u>     | 52       | ┼-           | -               | -        | $\dashv$       | _        |   | 4            | 4                       | _        | $\vdash$  |          | 102        | L_       | <u> </u>                            | _          | ╙               | <u> </u>  | _  | Щ        | Ŀ        | Щ        |
| <ul><li></li></ul>  |  | ├-              | ╂╼┼             | $\dashv$  | -         | $\dashv$ | $\dashv$           | -         | <u> </u>     | 53       | ┼            | $\vdash$        | -        | $\blacksquare$ | -        | -   | -+           | 4                       | 4        | -   |          | 103        | _        | <del> </del> _                      | <u> </u>   |                 | ╙         | $\vdash$                                     | Ш        | L        | Ш        |
| 11 5  | <del>                                     </del> | ⊢               | ╁               | $\dashv$  | -1        | -        | $\dashv$           | $\dashv$  | -            | 54<br>55 | ┿            | Н               | $\dashv$ | $\dashv$       |          | +   | $\dashv$     | +                       | -        | $\vdash$  | -        | 104<br>105 | ⊢        | ┞—                                  | Ь.         | <del> </del>    | ⊢         | <u>                                     </u> | Н        | ⊢        | Н        |
|   | ┼╂┼╂   | ╫               | ╁╾┼             | ┥         | -         |          | $\dashv$           | $\dashv$  |              | 56       | ⊢            | Н               |          | $\dashv$       | ┥        | $\dashv$  | $\dashv$     | +                       | $\dashv$ | $\vdash$  |          | 106        | ⊢        | -                                   | ┝          | -               | _         | $\vdash$                                     | Н        | ├—       | Н        |
| 14 7  | <b>11</b>  | H               | H               | $\dashv$  | -         |          | +                  | $\dashv$  | <u> </u>     | 57       |              | $\vdash$        | $\dashv$ | $\vdash$       | $\dashv$ | ┰┼  | +            | -+                      | ┥        | $\vdash$  |          | 107        | ┢        | ⊢                                   | ┝          | ┝               | ⊢         | -  | Н        | ├        | Н        |
| 2 8   |  | T               | $\vdash$        | 1         | ┪         | ヿ        | $\dashv$           | ┪         |              | 58       | T            | $\vdash$        | ┪        | $\dashv$       | $\dashv$ | -   | 7            | $^+$                    | ┥        | -   |          | 108        | $\vdash$ | Н                                   | ┢          | -               | $\vdash$  | -  | Н        | -        | Н        |
| 3 9   | $\Box \dagger$                                   |                 | $\Box$          | ┪         | ┪         | ╗        | 寸                  | ヿ         |              | 59       | +-           | $\vdash$        | _        | $\dashv$       |          | 7   | +            | +                       | ╡        | $\vdash$  |          | 109        |          | _                                   | -          | -               | _         | -  | Н        | ┢─       | Н        |
| 4 10  |  |                 | П               | ┪         | T         |          |                    | ┑         |              | 60       |              | П               | $\neg$   | T              |          | $\dashv$  | $\dashv$     |                         | ┑        | $\vdash$  |          | 110        |          |                                     | Н          | _               | 1         |  |          | ┢        | H        |
| 5 11  |  |                 |                 |           |           |          |                    | 7         |              | 61       | Π            | П               |          |                | T        |   |              | 7                       | 7        |   |          | 111        | Г        | Т                                   | Г          | Г               | Н         |  |          | _        | М        |
| 6 12  |  |                 |                 | J         |           |          | $\Box$             |           |              | 62       |              |                 |          |                |          | ⅎ   | ╗            | $\Box$                  |          |   |          | 112        | Г        |                                     |            | Π               | Г         | П  | П        | Г        | П        |
| 12   6   (4   7   2   8   3   9   4   10   5   11   6   12   7   13   8   14   9   15   13   16 | $\Box T$   | 匚               |                 | $\Box$    |           | $\Box$   |                    |           |              | 63       |              |                 |          |                | ┚        | J   | J            | $oldsymbol{\mathbb{T}}$ |          |   | T        | 113        |          |                                     |            |                 |           |  |          |          |          |
| 8 14  | $\Box \Box$                                      | L               |                 | $\bot$    | $\Box$    | $\Box$   | $\Box$             |           |              | 64       |              | Ш               | $\Box$   | $\Box$         |          | $\Box$  |              | $\Box$                  |          |   |          | 114        |          |                                     |            |                 |           |  |          |          |          |
| 9 15  |  |                 | $\sqcup$        | 4         | _         | $\dashv$ | $\perp$            | _         |              | 65       | $oxed{oxed}$ | Ш               | $\Box$   | $\Box$         | $\Box$   | Д   | Д            | $\perp$                 | _        |   |          | 115        |          |                                     |            |                 |           |  |          |          |          |
| 13 16   | 上  | <u> </u>        | $\sqcup$        | 4         |           | _        | _                  | _         |              | 66       |              | Ш               | _        |                | _        | $\dashv$  | $\perp$      |                         | _        |   |          | 116        | Щ        |                                     |            | $\Box$          | $oxed{L}$ |  | Ш        |          |          |
| 17  | ₩.   | _               | $\vdash$        | 4         | $\dashv$  | 4        | $\dashv$           | 4         | <u> </u>     | 67       | L            | Ш               | _        | _              |          | 4   | 4            | 4                       | _        | $\perp$   |          | 117        |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |            | L               | L         |  |          |          |          |
| 18  | <del>                                     </del> | -               | $\vdash$        | $\dashv$  | $\dashv$  | -        | _                  | 4         | <b> </b>     | 68       | ┡            | Ц               | _        | _              | _        | 4   | $\dashv$     | 4                       | 4        | <u> </u>  | <u> </u> | 118        |          | _                                   |            | _               |           | Ш  | Ш        |          | Щ        |
| 19  | <del>ľ  </del>                                   | ⊢               | $\vdash$        | +         | -         | $\dashv$ | $\dashv$           | -         |              | 69       | -            | Н               | -        | -              | -        | -+  | 4            | +                       | 4        | <u> </u>  |          | 119        |          | ļ                                   | <u> </u>   | _               | L.        | _  | Щ        |          | $\Box$   |
| 21  | ╁-┼  | ⊢               | $\vdash$        | +         | $\dashv$  | $\dashv$ | $\dashv$           | -         | -            | 70<br>71 | $\vdash$     | $\vdash \vdash$ | $\dashv$ |                | $\dashv$ | -   | -+           | -                       | 4        |   | 4        | 120        | H        | -                                   | _          | $\vdash$        | ļ         |  | _        | _        |          |
| 22  | ╂╼┼╼   |                 | $\vdash$        | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$           | -1        | -            | 72       |              | $\vdash$        | $\dashv$ | -              | ┥        | $\dashv$  | $\dashv$     | $\dashv$                | 4        | -   | -        | 121<br>122 | H        | H                                   | _          | -               | <u> </u>  | $\vdash$                                     | Н        | <u> </u> | Н        |
| 23  | +  | $\vdash$        | ╁               | $\dashv$  | +         | -        | $\dashv$           | $\dashv$  | $\vdash$     | 73       | ╁╾           |                 | $\dashv$ | -+             | $\dashv$ | $\dashv$  | $\dashv$     | +                       | -        | -   |          | 123        | $\vdash$ | -                                   | -          | <u> </u>        | $\vdash$  | Н  | $\dashv$ |          | $\vdash$ |
| 24  |  |                 | -               | +         | $\dashv$  | $\dashv$ | $\dashv$           | $\dashv$  | <del> </del> | 74       | +-           | $\vdash$        | -+       | $\dashv$       | -+       | -+  | -            | +                       | -        | -   | +        | 124        |          | $\vdash$                            | _          | ⊢               |           | H  | $\dashv$ | Н        | $\vdash$ |
| 25  | <del>                                     </del> | -               | $\vdash$        | ┪         | -         | ┪        | $\dashv$           | $\dashv$  | $\vdash$     | 75       | H            | $\dashv$        | ┪        | $\dashv$       | -        | $\dashv$  | $\dashv$     | +                       | ┪        | -   |          | 125        | $\vdash$ | H                                   | -          | <del> </del>    | ⊢         | $\vdash$                                     | $\dashv$ | Н        | Н        |
| 26  |  | П               | $\Box$          | ┪         | _         | 7        | _                  | ┪         |              | 76       | $\vdash$     |                 | 寸        | _              | _        | $\dashv$  | $\dashv$     | 十                       | ┪        | <b>—</b>  | +        | 126        | Н        | H                                   |            | -               | _         | Н  | $\dashv$ |          | Н        |
| 27  |  |                 | $\Box$          |           | $\exists$ | $\neg$   | 寸                  | 7         |              | 77       |              | $\Box$          | ┪        | -,             | 1        | $\dashv$  | ┪            | $\top$                  | ╡.       |   | 1        | 127        |          | _                                   | _          | $\vdash$        | $\vdash$  | Н  | $\dashv$ |          |          |
| 28  |  |                 |                 | 1         | 一         | T        | 寸                  | 1         |              | 78       |              |                 | $\neg$   | $\dashv$       | $\neg$   | 7   |              | $\top$                  | 7        |   |          | 128        |          |                                     |            |                 |           | _  |          |          | Н        |
| 29  |  |                 |                 | $\Box$    | $\Box$    | $\Box$   |                    |           |              | 79       |              |                 |          |                | . ]      |   |              | $\top$                  | 7        |   | 7        | 129        |          | П                                   |            |                 |           | П  |          |          | П        |
| 30  |  |                 |                 |           |           |          |                    |           |              | 80       |              |                 |          |                |          | $\Box$  |              | $\Box$                  |          |   | 1        | 130        |          |                                     |            |                 |           |  | $\Box$   |          |          |
| 31  | $oxed{oxed}$                                     |                 |                 | 4         | 4         | _        | _                  | _         |              | 81       |              |                 |          | $\Box$         |          |   |              |                         |          |   |          | 131        |          |                                     |            |                 |           |  |          |          |          |
| 32  |  |                 | _               | 4         | 4         | 4        | _                  | _         | <u> </u>     | 82       | Ш            | $\Box$          | _        | 4              | _        | 4   | $\bot$       |                         | 4        | <u> </u>  |          | 132        |          |                                     |            |                 |           |  |          |          |          |
| 33  | $\vdash$   | ш               | -               | 4         | $\dashv$  | $\dashv$ | +                  | 4         |              | 83       | Ш            | _               | -        | _              |          | 4   | $\dashv$     | 4                       | 4        | <u> </u>  | 1        | 133        |          |                                     |            | Ш               |           |  |          |          | Ш        |
| 34  | <del>                                     </del> | Н               | $\dashv$        | +         | +         | +        | -                  | -         | -            | 84       | Н            | $\dashv$        | $\dashv$ | $\dashv$       | -        | -   | 4            | 4                       | 4        | $\vdash$  | 1        | 134        |          |                                     |            | Ш               |           | Ш  | _        |          | Ц        |
| 36  | - -  | ⊢⊢              | -               | +         | $\dashv$  | +        | $\dashv$           | $\dashv$  | -            | 85<br>86 | Н            |                 | -+       | $\dashv$       | -+       | ┽   | +            |                         | 4        | $\vdash$  |          | 135        | Н        | $\vdash$                            | _          |                 | <u> </u>  | Щ  | 4        |          | Ш        |
| 37  | $\vdash\vdash$                                   | Н               | +               | ╁         | +         | $\dashv$ | +                  | $\dashv$  |              | 87       | Н            | -               | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$  | +            | +                       | $\dashv$ | -   |          | 136        | Н        | Н                                   |            | Н               | _         | ш  |          |          | ⊢┩       |
| 38  | <del>                                     </del> | Н               | +               | +         | $\dashv$  | $\dashv$ | +                  | $\dashv$  | -            | 88       | ╁╌┤          | -               | -+       | -              | $\dashv$ | +   | +            |                         | $\dashv$ | $\vdash$  | +        | 137<br>138 | $\vdash$ | $\vdash$                            |            | $\vdash$        |           | Н  | $\dashv$ | $\dashv$ | Н        |
| 39  |  | $\vdash$        | +               | +         | ┰         | ╌┼       | $\dashv$           | -         | -            | 89       | Н            | -+              | -        | $\dashv$       | $\dashv$ | $\dashv$  | +            | +                       | ┨        | <b> </b>  |          | 139        | $\vdash$ |                                     | -          | $\vdash$        |           | -  |          |          | $\dashv$ |
| 40  |  | $\vdash \vdash$ | $\dashv$        | $\dagger$ | $\dashv$  | +        | $\dashv$           | $\dashv$  | -            | 90       | H            | -1              | $\dashv$ | -              | -+       | +   | +            | ┰                       | $\dashv$ | $\vdash$  |          | 140        | $\vdash$ | $\vdash$                            | -          | $\vdash \vdash$ | -         | Н  |          | Н        | $\dashv$ |
| 41  | $\Box$   | $\vdash$        | _               | 十         | $\dashv$  | $\dashv$ | $\dashv$           | $\dashv$  |              | 91       | Н            | $\dashv$        | -+       | 7              | +        | 十   | $\dashv$     | +                       | ٦.       | $\vdash$  | +.       | 141        | $\vdash$ | $\vdash$                            |            | Н               | -         | Н  | $\dashv$ | $\dashv$ | $\dashv$ |
| 42  | $\sqcap$   | $\neg$          | 十               | •         | $\dashv$  | 寸        | $\top$             | $\dashv$  | _            | 92       | Н            | 十               | 7        | 十              | $\dashv$ | $\top$  | +            | $\top$                  | ┪        |   | _        | 142        | $\dashv$ | $\vdash$                            | -          | $\vdash$        |           | Н  |          | $\dashv$ | $\dashv$ |
| 43  |  |                 |                 | 1         | _†        |          |                    | $\exists$ |              | 93       |              | 7               | $\dashv$ | 7              | $\dashv$ | $\top$  | 7            | $\top$                  | ┨        |   | 1        | 143        | $\dashv$ | $\vdash$                            | _          | $\vdash$        | $\vdash$  | H  |          | $\dashv$ | $\dashv$ |
| 44  |  |                 |                 | I         | J         |          | $\Box$             |           |              | 94       |              | ┪               | 寸        | ┪              | $\neg$   | す   | T            | $\top$                  | 7        |   | 1        | 44         |          |                                     | 7          |                 |           | $\Box$                                       | $\dashv$ | $\dashv$ | $\dashv$ |
| 45  |  |                 | $oxed{oxed}$    | I         | $\Box$    | $\Box$   | $\Box$             | ┚         |              | 95       |              |                 |          | 丁              |          |   | I            | 丁                       |          |   | 1        | 45         |          |                                     | ᄀ          | $\neg$          |           | П  | $\neg$   |          | ᅱ        |
| 46  |  | $\Box$          |                 | $\perp$   | $\Box$    | $\perp$  | $\perp$            | _         |              | 96       |              |                 | $\Box$   | $\Box$         | $\Box$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $oxed{\Box}$ | Τ                       |          |   | 1        | 46         |          |                                     |            |                 |           |  |          | $\neg$   | $\neg$   |
| 47  | لتلا   | Ц               |                 | $\perp$   | $\perp$   | $\perp$  | $oldsymbol{\perp}$ | ┛         |              | 97       | Ш            | $\Box$          | $\Box$   | $\Box$         | $\Box$   | $\Box$  | $\perp$      | $\perp$                 | ]        |   | 71       | 47         |          |                                     |            |                 |           |  |          |          | $\Box$   |
| 48  | $oxed{oxed}$                                     | _               |                 | 4         | _         | _        | _                  | _         | <u> </u>     | 98       | Щ            | _[              | $\perp$  | $\perp$        | $\perp$  | $\perp$   | $\perp$      | $\Box$                  | 4        |   |          | 48         |          |                                     |            |                 |           |  | I        |          |          |
| 49  | $\sqcup \sqcup \sqcup$                           | _               | 4               | 4         | 4         | 4        | 4                  | _         |              | 99       | Ш            | _               | 4        | _              | _        | 4   | 4            | Ţ                       | 4        |   | $\Box$ 1 | 49         |          |                                     |            |                 |           |  |          |          | $\Box$   |
| 50  | لبللا  |                 | _L              | 1         |           |          |                    |           |              | 100      | Ц            | Ш,              | $\perp$  | $\perp$        |          | $\perp$   | $\perp$      | Ŀ                       | ┛        | $ldsymbol{le}}}}}}$ | 1        | 50         | ┙        |                                     |            |                 | ]         | $\Box$                                       | $\perp$  | I        |          |